

General Environmental Incident Summary

Incident: 3980 **Date/Time Notice:** 12/13/2015 2200 **DEM Incident No:**

Responsible Party: Boots Smith Oilfield Services

Date Incident: 12/11/2015 **Time Incident:** 1830 **Duration:**

County: McKenzie **Twp:** 153 **Rng:** 95 **Sec:** 5 **Qtr:**

Lat: 48.10888 **Long:** -102.92320 **Method:** Interpolation from map

Location Description: Hawkeye Pipeline Project

Submitted By: Alex Beach

Affiliation:

Address: 3015 16th Street SW, Suite

City: Minot

State: ND

Zip: 58701

Received By:

Contact Person: Dwight Brasseaux
2501 Airport Drive
Laurel
MS, ND 39441

Distance Nearest Occupied Building: 1 Miles

Release Contained: No

Type of Incident: Water and Bentonite release

Description of Released Contaminant: Water and Bentonite

Volume Spilled: 990.00 barrels

Ag Related: No

EPA Extremely Hazardous Substance: No

Reported to NRC: Unknown

Cause of Incident:

The crews were in the process of removing the bentonite mud that had been deposited there during a previous boring operation in the construction of the Hawkeye pipeline. The water flow was being monitored and collected at the primary containment point by a vacuum truck when the water flow became too great for the vacuum truck to manage. Hoses started to freeze which further slowed the progress of the water collection process. The water built up and breached the primary containment and began migrating through the culvert and down the ravine beyond what had been intended.

Risk Evaluation:

There were no immediate risks reported.

of Fatalities: 0

of Injuries: 0

Affected Medium: 03 - soil

Potential Environmental Impacts:

The released fluid was water mixed with bentonite. There are no suspected environmental impacts at this time.

Action Taken or Planned:

Vacuum trucks, personnel and a 4 inch pump were mobilized to the secondary collection point and worked through the night to collect the water as it accumulated. The water was then hauled to an approved disposal site. There is a Power Fuels work crew on site for continued water cleanup and monitoring around the clock until further notice.

Wastes Disposal Location: All recovered wastes will be disposed of at an approved waste disposal facility. 990 bbl of fluid were recovered.

Agencies Involved:

Updates

Date: 12/14/2015 **Status:** Reviewed - Follow-up Required

Author: Crowder, Kory

Updated Volume:

Notes:

Release impacted surrounding area. Followup is required.

Date: 12/16/2015 **Status:** Inspection

Author: Cooper, Mike

Updated Volume:

Notes:

Arrived on site 1:30 p.m. Temp 25 degrees, wind 10-15 mph. The initial release impacted two ravines. First ravine was flushed on Friday 12/11/2015, and it looks good and well flushed. Did not see any evidence of bentonite along the ravine. Second ravine was still being flushed during initial inspection. Will return to inspect the second ravine. Multiple dams and fences were installed down both ravines to slow the flow of water for collection. Met with multiple Hess officials and concluded that a second inspection would occur the morning of 12/17/2015. NOTE: When Hess employees were flushing the ravine, one of their dams broke through. The water proceeded under the road and did reach some dry creek beds and is now frozen solid. The water did proceed for another 500 yards past the containment. Walked areas and took photos. Will return in the morning. Further followup is required due to the amount of material released and to check on potential environmental impacts in the future.

Date: 6/2/2016 **Status:** Inspection

Author: Cooper, Mike

Updated Volume:

Notes:

Arrived on site at 9:00 a.m. Temperature 65 degrees, wind 0-10 mph NW. Walked ravine #1 and #2 to junction point. Ravines have considerable vegetative growth along natural runoff pathway. Sparse patches of vegetative growth throughout pathway. Will follow up in the fall of 2016. GPS coordinate update - (48.09884, -102.89560).